NVIDIA® Quadro® K5000

VCQK5000-PB

Professional Graphics Perfected

The NVIDIA® Quadro® K5000 graphics card takes advantage of the NVIDIA Kepler™ architecture to dramatically accelerate professional applications. With the NVIDIA Quadro K5000 you can count on superior interaction when designing with the most complex models, richer scene details and effects for content creation, and faster results when processing massive datasets for scientific exploration. The Quadro K5000 features a range of innovative features, including SMX for increased per-clock throughput of key graphics operations and bindless textures that enable the GPU to reference textures directly in memory. Plus, it supports up to four displays—ideal for driving large-scale visualization solutions.

Designed and built specifically for professional workstations, NVIDIA Quadro GPUs power more than 150 professional applications across a broad range of industries including manufacturing, media and entertainment, sciences, and energy. Professionals trust them to deliver the best possible experience with applications such as Autodesk Inventor, Dassault Systems CATIA and SolidWorks, Siemens NX, PTC Creo and many more.

Package includes:

- NVIDIA Quadro K5000 professional graphics board
- Stereo connector bracket
- Two DisplayPort to DVI-D SL adapters
- DVI-I to VGA adapter
- Driver DVD for Windows 8, 7, Vista, and XP SP3 (32- and 64-bit)
- Printed QuickStart Guide

PNY Advantage:

- 3 year warranty
- Support for NVIDIA Quadro in any system brand
- Pre-and post sales assistance
- Toll-free professional technical support
- Dedicated Field Application Engineers

PNY provides unsurpassed service and commitment to its professional graphics customers. In addition, PNY delivers a complete solution including the appropriate adapters, cables, brackets, driver CD and documentation to ensure a quick and successful install.

PRODUCT SPECIFICATIONS:	
GPU Memory	4GB GDDR5
Memory Interface	256-bit
Memory Bandwidth	173 GB/s
CUDA™ Cores	1536
System Interface	PCI Express 2.0 x16
Maximum Power Consumption	122W
Idle Power	18W
Energy Star Enabling	Yes
Thermal Solution	Ultra-quiet active fansink
Physical Dimensions	4.376" H x 10.50" L, Dual Slot
Display Connectors	DVI-I DL + DVI-D DL + DP 1.2 + DP 1.2 + Stereo
DisplayPort 1.2	Yes
DisplayPort with Audio	Yes
DVI-D Single-Link Connector	Via included adapters
VGA Support	Via included adapter
Number of Displays Supported	4
Maximum DP 1.2 Resolution	3840 x 2160 at 60Hz
Maximum DVI-I DL Resolution	2560 x 1600 at 60Hz
Maximum DVI-I SL Resolution	1920 x 1200 at 60Hz
Maximum VGA Resolution	2048 x 1536 at 85Hz
HDCP Support	Yes
Professional 3D Support	Yes, via included stereo connector bracket
Quadro Sync Compatible	Yes
HD SDI Capture/Output Compatible	Yes
NVIDIA GPU Direct Compatible	Yes
Graphics APIs	Shader Model 5.0, OpenGL 4.3, DirectX 11
Compute APIs	CUDA, DirectCompute, OpenCL
NVIEW	Yes
Mosaic Mode	Yes (Windows 8, 7, and Linux)
NVIDIA 3D Vision and 3D Vision Pro	Yes
Warranty	3 Years
PNY Part Number	VCQK5000-PB

For more information visit: www.pny.com/quadro

Make Life Simple™

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